

Title (en)

Dental equipment and method.

Title (de)

Zahnärztliche Ausrüstung und Verfahren.

Title (fr)

Equipement dentaire et méthode.

Publication

**EP 0370676 A1 19900530 (EN)**

Application

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Priority

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Abstract (en)

A dental post 5 has a lower portion 4 that is fitted within a pre-prepared dental root canal 2, 3 and an upper portion 6 to which a dental crown 8 can be fitted. The root canal is provided with a plurality of projections 26 that extend downwardly and inwardly and the post, which is preferably tapered, and the lower portion of the post has a plurality of notches 16 that are preferably independent grooves that face upwardly. The post can then be secured substantially without screwing, by means of cement in the annulus 7 between the post and the canal. Preferably the lower portion of the post is tapered and has grooves or other notches that open upwardly and outwardly and the upper portion has grooves that open downwardly. The pitch of the grooves 16 in the lower portion is generally not more than 0.5mm. The invention also includes a dental reamer that can be used to form a profiled cavity in a tooth and that has an elongated cutting head (30, 31, 32) having a plurality of cutting elements (34) that can be used for cutting into the wall of the canal to define the projections 26.

IPC 1-7

**A61C 13/30**

IPC 8 full level

**A61C 13/30** (2006.01)

CPC (source: EP US)

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Citation (search report)

- US RE31948 E 19850716
- EP 0260446 A1 19880323 - IPCO CORP [US]

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DE4415076A1; DE4019279C1; EP2281524A1; GB2248781A; GB2248781B; WO9216157A1; US9526594B2; US10052183B2

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